

N Series

NUP300 Series cylindrical roller bearing-NUP311 

Designação	NUP311
Dimensões principais (mm)	
d	55
D	120
B	29
rs min	2
rs1min	2
Classificações básicas de carga (KN)	
Dinâmico (Cr)	111
Estático (Cor)	111
Velocidade limitada (rpm)	
Graxa	5900
Óleo	7000
Peso	
(kg)	1.45

GQZ bearings wholesale high quality NUP300 Series Cylindrical Roller Bearing

The characteristics of NUP300 series bearings mainly include:

Design features: NUP300 series bearings have a double retaining inner ring and a single retaining outer ring with an additional retaining edge. This construction allows the bearings to provide axial locating in both directions and carry light thrust loads.

Applications: NUP300 series bearings are suitable for a wide range of industrial applications including, but not limited to, cement preparation equipment (e.g., pulverizers, vertical milling machines, ball mills, and rolling mills), conveyor drives, transmission boxes, spherical belt seat bearings, trunnions, rotary kilns, and more. In addition, they are also suitable for power generation equipment and oil field equipment such as pulverizers, gearboxes and gear drives, mud pumps, winches, rotary joints and so on.

Load carrying capacity: NUP300 series bearings are able to withstand large radial loads and have a larger radial load capacity compared with deep groove ball bearings of the same size. Although its limiting speed is close to that of deep groove ball bearings, the machining requirements of the shafts and shell holes mating with these bearings are high, allowing the inner ring axis to tilt very little (2°-4°) from the outer ring axis. If the two axis tilt more than this limit, roller and ring raceway contact will deteriorate, seriously affect the bearing load capacity and service life.

NUP300 series bearings contain the following models:

NUP304E NUP305E NUP306E NUP307E NUP308 NUP308E NUP309 NUP309E NUP310 NUP310E NUP311

NUP311E In addition, there are NUP312, NUP312E, NUP313, NUP313E, NUP314, NUP314E, NUP315, NUP315E, and NUP316.



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